THE OUTCROP
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$2 a Year
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ADVANCE AND
$2.50
TO PEOPLE
NOT WORTHY OF
CREDIT.

THE OUTCROP.

The Paystreak of Ads. never pinches out in this Paper.

Try one before the space is all staked out.

Devoted to the Mining and Development of the Windermere and Golden Divisions of the District of North East Kootenay.

Vol. II., No. ~~51~~ 52 Wilmer, B. C., Thursday, May 29, 1902. $2.00 Per Year.

DISTRICT NEWS

Many Minor Matters Muchly Mixed--Other interesting Items.

Blue Ribbon Tea is a leader.

There are upwards of 20 men employed on Toby creek.

THE OUTCROP is on sale at A. R. Yates' Drug Store in Peterboro.

The new buggy for the Presbyterian missionary arrived on the Hyak Tuesday.

The past few days have been very hot and the snow in the hills is going quite rapidly.

It is stated that the stage from Golden brought up 1200 pounds of mail on Monday.

Mrs. S. Brewer, of Fairmont, visited her Wilmer friends from Sunday until Tuesday.

Mrs. Jas. McKay came up from Sinclair last week to Athalmer and visited her friends.

H. G. Gordon has finished the work on the road near Canterbury. The work is well done.

Master Hope Brewer captured four small wild goslings last week near his home at Fairmont.

The steamers Hyak and City of Windermere continue to bring up heavy shipments of freight each trip.

Over $160,000,000 worth of minerals have been mined in British Columbia, and mining has barely commenced.

Another force of men have been put to work on the Horse Thief road and are putting it in good condition for traffic.

J. E. Griffith, gold commissioner, inspected Toby and Horse Thief roads last week, before returning to Golden. He will likely spend several weeks in this vicinity when he returns again.

It is now several weeks since the Dominion Government ordered the immediate construction of a telegraph line from Wilmer to the main line. Up to date not a move has been made in that direction. What ever can be the reason?

Our society reporter expects to have a "flash heading" love story shortly. He has been working overtime lately and believes that only one or two moves are necessary before he can wind up with: "And they lived happily together ever after."

THE OUTCROP reporter visited the Toby road camp on Sunday and partook of the hospitality there provided, which in quality and quantity assays 100 per cent. The men are fortunate in having a chef with the abilities of Geo. Chamberlain.

Geo. Rehder received a telegram on Monday containing the sad intelligence of the death of his mother in Paris, Ont. She had been ailing for several years and her death was not unexpected. THE OUTCROP join with the many friends of Mr. Rehder in expressing sympathy in his great bereavement.

A couple of gentlemen who left this district last year in writing from New England state that they were obliged to leave an hotel to catch a train without any breakfast because the union would not allow a cook to work before 6 o'clock. Naturally, they say New England is not all it is represented to be.

W. A. Colton's little boy fell into Toby creek while getting a pail of water near his home at Spring Creek Hotel, [illegible]. His cries brought his mother [illegible] the creek. Then [illegible] their cries [illegible] The little fellow was hanging [illegible] bushes and was in great danger of being carried down by the swift current, which would have meant certain death.

Ask Santo about Blue Ribbon Tea.

Colin C. McKay left for Fort Steele by Tuesday's stage.

A. R. Yates advertises some sweet things in this issue.

The prospectors are beginning to find their way into the hills.

R. Randolph Bruce returned from a business trip to Nelson by Tuesday's steamer.

Mrs. B. H. Washburn now sells fresh butter and eggs and has fruit arriving by every boat.

J. McAllister, the well-known commercial man, came up the river on the Hyak Tuesday.

Michael Quinlivan returned home on Saturday after an absence of about two years, and there was great rejoicing in his home.

Messrs. Woods and Tauhouser arrived from Fort Steele Tuesday and will take away a number of cattle which Wm. Chamberlain has sold.

For Sale.—The residence of T. J. Ryan at Athalmer, at a great bargain. House contains 5 rooms, papered and painted inside, and water in the kitchen.

All Miners License expire May 31. J. Bulman, recorder at Windermere, has more on hand than he requires and will dispose of them at lowest prices.

Messrs. J. C. Ryan, Jas. Macfarlane, J. J. McDonald and two other miners arrived Tuesday from West Kootenay and have since gone to work at the Paradise.

The continuous fine weather is just what gardeners and ranchers desire, and the rapid growth is wonderful. The scenery of the Columbia Valley was never more beautiful than now.

The Le Roi is fighting the Great Northern over freight rates and the high price of coke, and has cut down shipments in consequence to the amount necessary to cover development expenses, until cheaper rates are granted.

The Peterborough Trading Co. have a big stock of dry goods now. See their ad. Last Thursday evening their store was closed for an hour and their platform was filled with customers—the company advertised a line of new goods that day in THE OUTCROP.

A despatch from Denver, Colo., states that the Colorado Zinc Works, at Denver, are now receiving about 40 tons a day of zinc from the Reynolds & Hanifen lease in the Yak tunnel. The ore carries 30 per cent zinc, 10 to 12 per cent lead and a few ounces in silver. The zinc works are treating this material successfully, and the leasees expect to be able to increase their shipments. The foregoing should receive the attention of men here who have discovered zinc ore.

A DESTRUCTIVE SNOW STORM

The most severe storm that has visited Southeast Kootenay for several years was that of Sunday last. It practically set in on Saturday night, and rained continuously until Sunday noon when it developed into a most severe snow storm. At Tracy creek 20 inches of snow fell, at Fernie ten inches, at Fort Steele the ground was covered to a depth of three inches. That the storm covered a large area was evident, and not till late on Monday morning did the storm abate its fury.

No large amount of snow fell west of Kootenay river, but a large and heavy fall is reported to the east in the Rockies. The result of the storm is that every river and mountain stream is raging, and a large amount of damage done. On the Crow's Nest Railway conditions are bad, several bridges are out, huge landslides and washouts have taken place, and it is not probable that the road will be open for traffic for several days, although every effort is being put forth.

On Friday Government Agent Armstrong reported that the Elk river bridge was a total loss, and that there was danger of Coal creek bridge going out, and that the railway bridge was also in danger. During 24 hours the Kootenay raised two feet.

Later.—Trade is blocked, traffic suspended, and mail service demoralized on the C. N. Ry. Michel creek bridge east of Fernie is out. Belly river has cleaned out the big bridge at Lethbridge and St. Mary's river has washed out three miles of track. Heavy mud and rock slides block trains from the west. Telegraph line down east of Fernie.—Prospector.

FOOTBALL MEETING

Officers Elected--Public May Join Association

The card room of the Athalmer House was filled to the doors Saturday evening with football players and admirers of the manly game. The occasion being, as announced in last issue, the annual meeting of the Windermere District Football Association.

When the meeting had been called to order Mr. J. Bulman was elected chairman of the meeting and Mr. J. Semple secretary.

In his opening remarks the chairman stated that the Golden Association had invited the players to attend their tournament on Sept. 1st to play for the cup presented by the Hon. Mr. Wells last year. He stated that he had been informed of the conditions upon which the cup must to be won, which are that it is to be played for annually, that the sum of $10 must be paid one month before each contest as a guarantee of a game, which will be forfeited should the teams fail to appear, and that the cup must be won three times by the same team, but not necessarily in succession; also that the referee be chosen by all the players on the grounds at the time of each contest.

The chairman complimented the team upon their good play last year, despite the little practice they had, and expressed his belief that a very strong team could be formed this year and if trial matches were regularly held they would be successful.

The election of officers for the ensuing year was then taken up.

On motion of Messrs. C. Cartwright and G. Chamberlain Mr. J. Bulman was re-elected president.

Messrs. C. Cartwright and F. Kimpton moved that Mr. J. Semple be secretary-treasurer, upon which all agreed.

The motion of Messrs. F. Kimpton and E. Dann that Mr. B. Hewetson be captain was unanimously carried, as was also that of Messrs. Hart and Hewetson that Mr. G. Chamberlain be vice-captain.

A discussion then arose as to finances and ultimately it was decided that the public generally be admitted as members of the Association and that membership tickets be printed and presented to any person on payment of $1, which would entitle them to full membership. It was pointed out that it was unfair to expect members of the team to pay for balls, etc., to be allowed the privilege of playing and confering honors on the district. Therefore, it was decided that the team should not have the worry of financing but spend all their energy in qualifying themselves to bring back the cup, whilest the other members should look after the finances and do all they could to make everything easy for the players and thus encourage them.

On motion it was decided that membership tickets, duly signed by the president and secretary, should be for sale by E. Stoddart at Windermere, C. Cartwright at Athalmer, and W. Chamberlain at Wilmer.

A motion was carried that regular practices be at Canterbury or Athalmer at 6 o'clock each Sunday evening. It was also agreed that trial matches be arranged for in the different towns as frequently as possible. Everyone is invited to attend these practices.

G. O. BUCHANAN ON LEAD

G. O. Buchanan, who recently returned from the east, where he made a special study of the lead question, in all its bearings, as it effects the lead mining and smelting industry of Kootenay. In speaking to the Nelson News of the general outlook for the lead industry of the province, Mr. Buchanan, while admitting that it was not over encouraging, contended that the prospect for redress through the tariff was much better than was intimated by the telegram from W. A. Galliher. Personally he was convinced that the lead duties would be raised at the next session of the House of Commons, and in his opinion the chief object of the government, in deferring action for the present, was that contemplated changes should all be discussed in the general revision which was expected to follow the colonial conference in London in connection with the coronation. In Mr. Buchanan's opinion there was not the slightest doubt but that all the import duties on lead and its manufactures would be increased, but the precise nature of such increases, and their extent would in a very great measure be determined by the manner in which Kootenay's requirements were laid before the members or the cabinet.

So far as the eastern men are concerned they are more likely to stand in they way of the district than to render it any assistance. They certainly are not anxious for any changes in the tariff, and in the event of the offer of the city of Nelson being accepted, it would doubtless be found when the time arrived that those who would engage in the manufactured of sheet lead or lead pipe would be new men, and men who would have no connection with either the manufacture of paint or of sheet or pipe in the east.

With respect to the establishment of paint works at Nelson, Mr. Buchanan said that so far as his information went it was quite out of the question, as the matter of a supply of tan bark would in itself preclude the successful operation of a paint industry in Nelson. Touching on the effect of import duties upon the selling price of commodities Mr. Buchanan said that in the case of paints there appeared to be a complete absence of any relation between the import duties and the prices. Even with a difference of a cent and a half in the price of lead in Canada, against the United States, there was absolutely no difference in the price of paint. It sold at exactly the same price in both countries, and this should be sufficient to meet the objection that an increase of the lead duties meet the requirements of the lead producers of Kootenay would necessarily result in an increase in the cost of paint to the farmers of the Northwest.

MINE EXPLOSION

200 Coal Miners Entombed at Fernie--Mine is on Fire.

A terrible explosion of gas occurred in the mines of the Crow's Nest Coal Co. at Coal creek, last Thursday evening at 7:30, entombing from 160 to 175 miners, and setting the mine on fire, says a despatch from Fernie. Several were taken out from near the entrance dead, the remainder have all perished either by suffocation or being burnt to death. The Coal Company have shut off all communication between the mine and town and no further particulars are obtainable. No explanation has yet been made as to the cause of the explosion. It stated that at least 140 are still entomed in the mine.

The explosion occurred in No. 2 mine, which carried death to 150 miners, only five bodies have so far been recovered. Not a man escaped from No. 2 mine, and only 21 from No. 3 mine. Rescuing parties are hard at work, but gas makes operations slow. The town is grief stricken, the cries of widows and orphans are heard on all sides.

The Crow's Nest Coal mines, in which the explosion occurred are situated on Coal creek, some six miles from the town of Fernie, having immediate connection with the town by rail and telephone.

There are three working seams at Coal creek which have been extensively developed and which gave employment to nearly 1,000 men. Many nationalities are represented by the working force at the mine, the Slav element being most prominent, though Scandanavians, Italians, English and Welsh miners are well represented. There is no ascending or descending in cages. The ventilation of the mine and the removal of the inflammable gases was carefully looked after by the management, the most modern system of ventilating plants having been installed. Every precaution was observed for the safety of the men employed.

The above is from the Fort Steele Prospector, but Mr. Geary, the stage driver, states that a later report estimated that the lives lost were about 221.

Basball--Cougars vs. Tigers.

It is a difficult matter for Wilmerites to allow a holiday to go by unobserved as by nature they must take all the enjoyment that can be had out of this life. Therefore, it was not surprising that Victoria Day was not allowed to go by entirely unobserved. In fact, some of the "old boys" will remember the day for years to come as a bright one in their life's history.

Word was sent out the previous day that a game of baseball would be played by such wild animals as the "Cougars and Tigers," also that a keg of beer would be on third base. There were few visitors from the surrounding towns, but the men working on the road came down in the afternoon and then the fun began, resulting with the follow score in five innings:

COUGARS.							TIGERS.						
H. Noble	1	1	0	0	0	2	F. Larmour	0	1	0	0	0	1
F. Castle	0	1	0	1	0	2	W. H. Harrison	1	1	0	0	0	2
E. J. Scovil	1	1	0	1	0	3	T. H. Taylor	1	0	0	0	0	1
R. Elliot	0	0	0	0	1	1	G. Rehder	1	1	0	0	0	2
F. L. Stock	0	0	0	1	0	1	J. Williamson	1	0	0	0	0	1
A. McGillivery	0	0	1	1	0	2	E. Hawe	1	0	0	0	0	1
G. Starke	0	0	0	0	0	0	W. Ruttan	0	0	0	0	0	0
G. Chamberlain	0	0	0	0	0	0	W. Evans	0	0	0	0	0	0
J. Kruter	1	0	0	0	0	1	W. Chamberlain	0	1	0	0	0	1
Totals	3	3	1	4	1	12	Totals	5	4	0	0	0	9

Thus it is seen that the Cougars beat the Tigers by three runs. However, it will be noted that the Tigers were three a head in the first two innings, and the dispute naturally is as to whether the Tigers then had beer enough or did the Cougars want all there was. The dispute is still unsettled, but the beer was settled not long after the game, at least for the time being.

The umpire was Mr. R. A. Power, of Canterbury, against whose decisions there were few objections, and any who did were silenced by the threat to cut off their portion of the winnings.

F. Larmour was captain for the Tigers, whilest W. Noble acted in the same capacity for the Cougars. The game was interesting throughout and brought out the fact that there is material in this district for a first class team.

THE OLD STORY.

The following taken from the Grand Forks Miner Gazette hits the nail on the head:

A visitor to this city told us this week his impressions of the country and they were extremely complimentary except on one point. "The worst thing I find to discourage me about the country," he said, "is the inclination I find throughout all eastern B. C. among merchants to cut their business out of the local newspapers and leave them without sufficient financial support to enable them to get out a good paper. A newspaper more than any other business, is entirely dependent upon the patronage of its local people, and when they commence withdrawing their advertisements it must decrease in quality proportionately with the decrease in patronage. The local paper is regarded on the outside as a perfect thermometer of the state of business in the city in which it is published, and a poor a paper nearly always means a poor town, while the suspension of a paper which has been published any length of time gives the town the worst kind of a black eye. Look at Nelson for instance. The Tribune of that place suspended, and I find in my travels, which take me all over the province, that Nelson is generally regarded as entirely dead, for say the people, the town must be fearfully quiet when the leading newspaper has to quit business.' A merchant who supports his local paper is by no means doing an act of charity for even though he may not feel that the advertisement is bringing him proportionate returns he is gaining by it as it helps to boom the town on the outside and make people think it is a good, lively place, thus by helping the town through the medium of the newspaper he is helping himself.

Blue Ribbon Tea on top, [illegible]
Be sure you renew your Free Miner's Certificate before June [illegible].

THE OUTCROP.

Published Every Thursday in the heart of a Wonderfully Rich Mineral and Agricultural District.

Subscription, $2.00 a Year; Foreign countries, $2.50.

Exchange must be Added on checks.

Advertising Rates: Display ads., $2 per column inch per month. Legal ads. 15 cents per nonpareil line for first insertion and 10 cents each additional week; or not less 25 cents per line each issue. Ninety day legal notices, $10; sixty days $7.50; thirty days, $5.

W. P. EVANS, - - - Publisher and Proprietor.

WILMER, B.C., THURSDAY, MAY 29, 1902.

It is suggested that one of King Edward's sons be called the Prince of Canada. If Canada ever has a man with such a title may he be Canadian-born.

Many thousands of United States folk are coming to Canada to build their homes—may they all come. Time was when Canucks went south. The tide has changed and now the Yanks come north to the land of promise. We have room for millions of them and may they not overlook North East Kootenay in their rush, where they may ranch or mine and make fortunes.

It is proposed to try an experiment in the way of cooling the air at the St. Louis fair grounds, the proposition being to reduce the high temperature during the summer months by drawing down cool currents from an altitude of 800 or 1000 feet above the ground, and flooding the grounds with air from ten to fifteen degrees cooler than the surface temperature. The plan comprehends the construction of an aerial tower or stand pipe of the aforesaid height, with lower termination about fifty feet above the ground, where large fans or blowers are attached that will draw a current downward at the rate of twenty or thirty miles an hour, equivalent to a pumping capacity of half a million cubic feet of air per minute. This volume of air will cover an acre ten feet deep—in an hour sixty acres, and in six hours 360 acres. It is expected that calefaction through the action of the sun's rays will be counterbalanced and neutralized by the constancy of the current during the daytime. After sundown the temperature, it is claimed, can be held below eighty degrees Fahrenheit. The fans are to be started at four o'clock a.m., when the air is coolest. By ten o'clock the buildings and grounds would be filled with fresh air and so maintained during the day.

Now is the time for the people, who have been fortunate enough to make their homes in the Columbia Valley, to prepare for the future. Now, we repeat, is the time. In a few years hence the regret will be that this and that was not invested in when it could be got for very little.

There never was a new camp with better prospects than we have here today for the amount of capital and labor expended. And there never was a prosperous camp where many pioneers did not bemoan their lost opportunities.

Then, Now Is The TIME.

The time when every man should get a firm hold on some real estate and improve it as much as possible.

The time when numerous small investments are offering that are almost certain to turn out good.

The time when mineral claims can be purchased very cheaply or staked. When prospecting is barely started.

The time when only a very few mines are known to exist, and, therefore, when your opportunity is best to get hold of something good.

The time when steady development work will bring in men with capital to invest, and improve the chance to sell.

The time when our mines are at their best and steadily improving. When development is being carried on more extensively than ever before.

The time when the older camps in British Columbia are at a standstill and here in a new camp work has not ceased. When, from a mining standpoint, the district never looked better.

The time when our ranchers are preparing for greater things things than ever. When they have broken more land, sown greater crops, and are going in for more stock.

The time when only an advance in the price of lead and copper is necessary to make the whole valley hum with activity.

Like the people in every other portion of the world we are looking hopefully towards the future—the near future. We, all of us, have unbounded faith in the resources of this district and have staked our all on this faith. Then we should not let any opportunity go by. There are many chances of bettering our conditions, if with a united effort we work together and look about for these possibilities.

J. A. KIRK,

DOMINION AND PROVINCIAL LAND SURVEYOR.

WILMER, - British Columbia.

HUGH MACDONALD,

BARRISTER, SOLICITOR, NOTARY PUBLIC.

WILMER,

North East Kootenay, British Columbia.

ROBERT ELLIOTT, M.D.,

PHYSICIAN AND SURGEON.

WILMER,

East Kootenay, British Columbia.

THOMAS O'BRIEN,

BARRISTER, SOLICITOR NOTARY PUBLIC, CONVEYANCER, ETC.

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$2.00

Apply at **OUTCROP OFFICE**

Stranger

Should your meanderings about this mundane sphere take you to

Wilmer

Remember that there is an hotel in the El Dorado of America at which pilgrims may enjoy all the comforts of a home, at prices on a par with the damage levied by other hotels throughout this district. The idealistic scenery of this Beauty Spot in Nature's Wonderland can best be enjoyed from the verandah of the

UNION HOTEL

The cuisine supplied assays high. The bedrooms are large, airy and luxuriously furnished. The other accommodations are unexcelled in the district, and the brands of bottled comforters kept in stock are health giving and sociability-promoting when taken in proper quantities.

Chamberlain Bros.



Hello !! Everybody !!

Santo is Wide Awake.

He rises with the sun and delivers orders to all parts in the district.

Send in Your Order and receive Prompt Delivery of the Finest Selected Grades of **General Merchandise** that Money can Procure.

We set the pace, others try to follow.

W. S. SANTO & CO.,

The Organizers of Low Prices.

Canterbury, - - B. C.

WILMER

(Formerly Peterborough),

East Kootenay, B. C.

The Trade Centre of the Upper Columbia Valley.

Flanked by the Rocky Mountains to the east and the great mineral zone of the Selkirks to the west.

Government roads radiate from Wilmer to the Toby and Horse Thief Mining Camps and all points of importance in the Windermere Mining Division, including the Paradise and Red Line mines, and the beautiful park like ranching lands of the valley.

Although a new town Wilmer has made remarkable progress. Among its institutions may be mentioned the court house at which county court for the district is held periodically, a public school, a hospital supported by the district, postal money order office, newspaper, doctor, provincial land surveyor, drug store, general store, saw mill, livery stable, hotels, etc. The Presbyterian and Roman Catholic denominations are represented. It is the headquarters from which the Paradise and Red Line mines are operated.

A telegraph office connecting with Golden will be opened shortly.

The great extent of high grade mineral and ranching country tributary to Wilmer ensure for it a rapid growth.

Steamboats leave Golden on the Canadian Pacific Railway every Tuesday and Friday arriving at Wilmer the same day. Stage connection weekly with Golden and Fort Steele.

A limited number of lots are now on the market. For further particulars apply to

L. H. MOFFATT, Sec'y Peterborough Townsite Co., Ltd., Rossland, or J. A. KIRK, Managing Director, Wilmer.

Upper Columbia Navigation & Tramway Co., (Ltd.)

STEAMER DUCHESS

Leaves Golden Tuesday and Friday Mornings at 4 O'clock.

Arriving at Wilmer, Athalmer, Canterbury and Windermere same Evening.

Returning Wednesdays and Sundays.

Cheap Rates on Ore, Lumber, Coal, Hay and Grain.

C. H. PARSON, Secretary, Golden.

C.P.R. LANDS.

This Company now offers for sale their lands along the Columbia River and Lakes in blocks of 160 acres and upwards. These lands have been carefully selected and comprise some of the best agricultural and grazing locations in the district. Prices from $1.00 to $5.00 per acre on easy terms, a cash payment of only $20.00 on 160 acres at $5.00 and easy subsequent annual payments of $100.00 each including interest.

For maps and terms apply to:—

R. R. BRUCE,
Peterborough, B. C.

A. TAYLOR,
District Land Agent,
Nelson, B. C.

F. T. GRIFFIN,
Land Commissioner,
Winnipeg, Man.

NOTICE.

Parties cutting timber or wood on the lands of this Company without authority will be prosecuted.

OUR ORE SHIPMENTS

Following is the number of pounds of ore shipped from the Windermere District and the value so far as we have been able to ascertain, which will be augmented shortly:

Mine	Pounds.	Value
Paradise	1,508,310	
" In transit	900,000	
Delphine	73,831	$3,520 26
" In transit	135,500	
Red Line, in transit	102,900	
Swansea	4,000	
White Cat	2,000	
Silver Belt	24,500	1,456.00
M. T. Fraction	34,000	2,252.29
" In transit	45,000	
Bunyan	1,000	49.00
	2,385,141	$7,280.55

CAUSE OF VOLCANOS.

The awful disaster which occured on the Island of Martinique and which has shocked civilization with its dire consequences, affords ample opportunity for food for thought from a scientific standpoint. Dr. Frank D. Adams, the professor of geology at McGill University, in discussing the event with a Montreal Herald reporter, said:

"These volcanic eruptions are caused primarily by the consequent action of water when it comes in contact with extreme heat. This in short is the scientific explanation of the matter. It is an accepted theory that the depths of the earth, or at least certain portions, are in a molten state, seething and boiling, as it were, like a caldron, and when water comes in contact whith this mass steam is generated, which has an almost unconceivable power and force. This confined energy must peforce have an outlet, and will find vent through the weakest spots in the earth's crust. Hence the volcano.

The islands of the sea which border the continents constitute the most prevalent scenes of these writhings of nature's forces, and when viewed from a scientific point of view this is not surprising. It has been demonstrated beyond a doubt that the main bodies of land are constantly, though very slowly, rising, and that the depths of the oceans are sinking deeper and deeper, decade by decade. This means, as ascertained by deep sea soundings, as well as by geological research, that sheer submarine declivities are forming along the borders of the mainlands. This occurs as a rule, within or along what is commonly known as a belt or strip, and demarks the weakest seams or lines of the earth's crust. Earthquakes and volcanic eruptions are caused by the same natural conditions. When the surface of the ground breaks away and sinks from the surrounding contour, the jar of the stupendous mass causes a shudder in its fall which makes the surrounding land to tremble, not only in the immediate vicinity, but for hundreds and hundreds of miles. The result is termed an earthquake. The fissures or cracks thus formed gives passage for either the influx of the sea, or for the flow of those subterranean lakes which exist between the substratas of the earth's surface and running downwards they eventually meet the intensely hot and liquid rock, and various mineral substances which constitute the core of our globe. The immense volumes of steam which are consequently given off, and whose power mere words are miserably weak and pitifully commonplace to express, must escape, and, rising, they compel an outlet through the nearest portion of the surface, and that which offers the least resistance.

Sometimes volcanic disturbances occur in short succession in a group or line of islands, showing that the first outbreak was insufficient to adequately relieve the internal pressure, while in other instances, after one tremendous spouting, no similar disaster has occurred in that vicinity for hundreds of years. It is absolutely beyond the ken of human intelligence to predict the length of time during which the earth's crust will continue to shrink and death and destruction follow in the wake, but centuries will probably pass before it shall cease.

"Mt. Royal, Montarville, Belœil, Rougemont, Yamaska, Shefford, in curved line marking the line near our city of Montreal, are the mute witnesses of a prehistoric belt of volcanic craters, long since extinct, with Mt. Johnson and Mt. Baromo to the southward. They show that even here, once upon a time, was one of those weak spots in the surface of the earth which gave vent to unutterable calamity, the evidence of which, through action of time which effaces nature's scars, has been gradually but effectually eliminated."

Saving's Bank Free

SEND YOUR ADDRESS TO THE **Pacific Newspaper Union, 1927 Market Street, San Francisco,** and secure free, a beautiful Nickel Saving's Bank, also full particulars regarding the new **Three Volume 1902 International Encyclopaedic Dictionary** which is now being furnished to readers of this paper for only **Five Cents a Day.**

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THE OUTCROP,
Wilmer, B.C.

Certificate of Improvements.

Delphine, Eureka and 616 Mineral Claims.

Situate in the Windermere Mining Division of North East Kootenay District. Where located:—On the North Fork of Toby creek.

Take notice that I, R. R. Bruce, acting agent for Herbert Carlyle Hammond, Free Miner's Certificate No. B11008 and Celina M. Knowlton, Free Miners Certificate No. B14074, intend, sixty days from date hereof, to apply to the Mining Recorder for a certificate of improvements, for the purpose of obtaining a Crown grant of the above claim.

And further take notice that action, under section 37, must be commenced before the issuance of such certificate of improvements.

Dated this 3rd day of October, 1901.

Alice Mineral Claim.

Situate in the Windermere Mining Division of North East Kootenay District. Where located:—On Boulder creek.

Take notice that I, James S. Johnston, Free Miner's Certificate No. B11002, for myself and acting as agent for myself and R. Randolph Bruce, Free Miner's Certificate No. B11097; J. A. Stoddart, Free Miner's Certificate No. B14058; Charles Barnes, Free Miner's Certificate No. B52,700, and Thomas Mayne, Free Miner's Certificate No. B44122, intend, sixty days from the date hereof, to apply to the Mining Recorder for a Certificate of Improvements, for the purpose of obtaining a Crown Grant of the above claim.

And further take notice that action, under section 37, must be commenced before the issuance of such Certificate of Improvements.

Dated this 12th day of May, 1902.

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"WILMER" IT IS

The Outcrop has received letters and has frequently been asked personally if "Wilmer" is legally the name of this town. Our answer is that "Wilmer" is the legal name. We have the best advice obtainable on this. When any postoffice is first opened if the citizens are agreed upon any name the postoffice authorities usually comply with their wishes and give it the name suggested by the applicants. But they have been known to change the name in cases of dispute or for other reasons. For instance, Golden was once known as "Golden City" but the authorities cut off the "City," and they were right as soon now it might have been "The City of Golden City." It is necessary that the postal authorities have the authority to give or change the name of a place, else there would be grave difficulties in the despatch of mail. The fact that the land here is principally owned by the Peterborough Townsite Company had naught to do with the change of name of the postoffice which, naturally, is the name of the town. This company may sell to any other company and is selling to individuals right along.

THE REAL DEVIL.

Almost a thousand years ago a Chinese philosopher, probing the cause and origin of all things, voiced the opinion that man's place above the brutes is chiefly proven by his disposition to ask unceasing questions. To his daring curiosity be[illegible] so it is that among all peoples and hence it is that among all peoples and through all ages the earnest seekers of the greater truths of life and of the purpose of the Infinite have asked and asked again for some embodiment of the powers of evil.

The human mind cannot resist effectually abstract principles. It asks that these be represented in some tangible form in order that on a seeming human basis of equality, they may be opposed and conquered if that be possible. It is the one of the two great foundamental human thoughts on which the world of peoples is united--God, the embodiment of right and truth and justice; the Devil, his antithesis in every attribute. We in our twentieth century civilization are inclined to view with superior and pitying complacency the aggressive personal devil of our forefathers—so frankly, strikingly, uncompromisingly repellant as to forbid all thought of possible association. A Devil who is brain and brightness, attractive to the eye, the mind, the senses, meets the developed estheticism of the present age as natural successor of the crude, fire-breathing personality of past and cruder-thinking generations. It was such a Devil that Goethe conjured up, to reconcile the majestic attributes of fallen Lucifer with the heart of that illimitable evil in ambition that won for him expulsion from the gates of paradise. It is such a Devil that Lewis Morrison presents in dramatic crystallization of the German poet's thought, in contradistinction to the kindler and more merciful personation that Marie Corelli has created in her sorrowing Satan; it is such a Devil that satisfies the large demands of studious thought—a Devil to attract and win, enslaving the mind the heart, the soul. Master of mind and emperor of cynics, the Devil of Goethe fitly represents today the allegorical embodiment of evil.

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